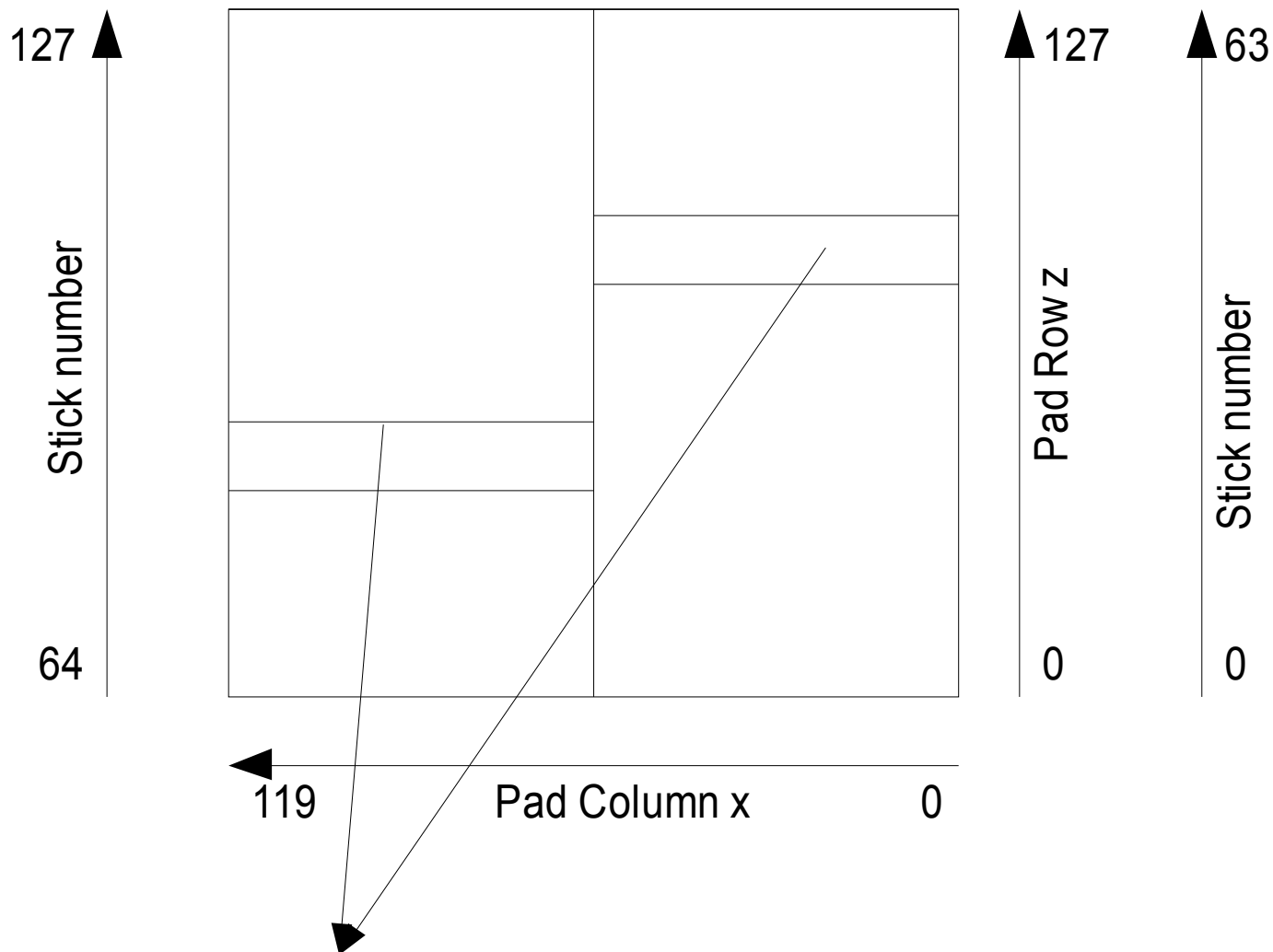
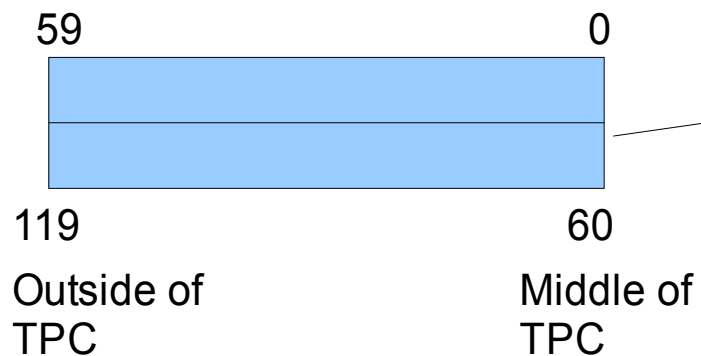


TPC BAD CHANNEL SEARCH

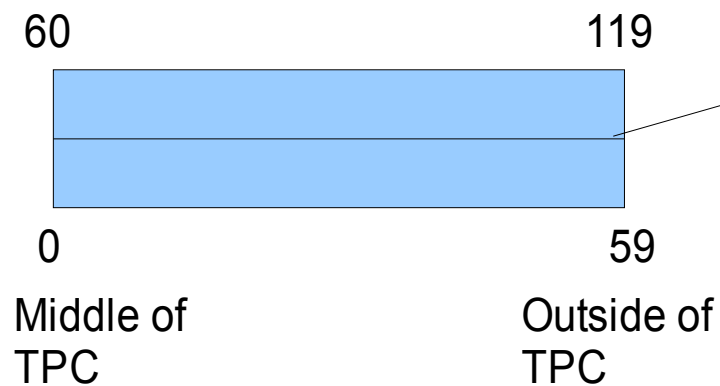
Gural Aydin
07.26.2007



Each stick readout from two pad pad rows and half width of TPC.
 Therefore, sticks between 0-63 read from pad columns between 0-59
 and sticks between 64-127 read from pad columns between 60-119

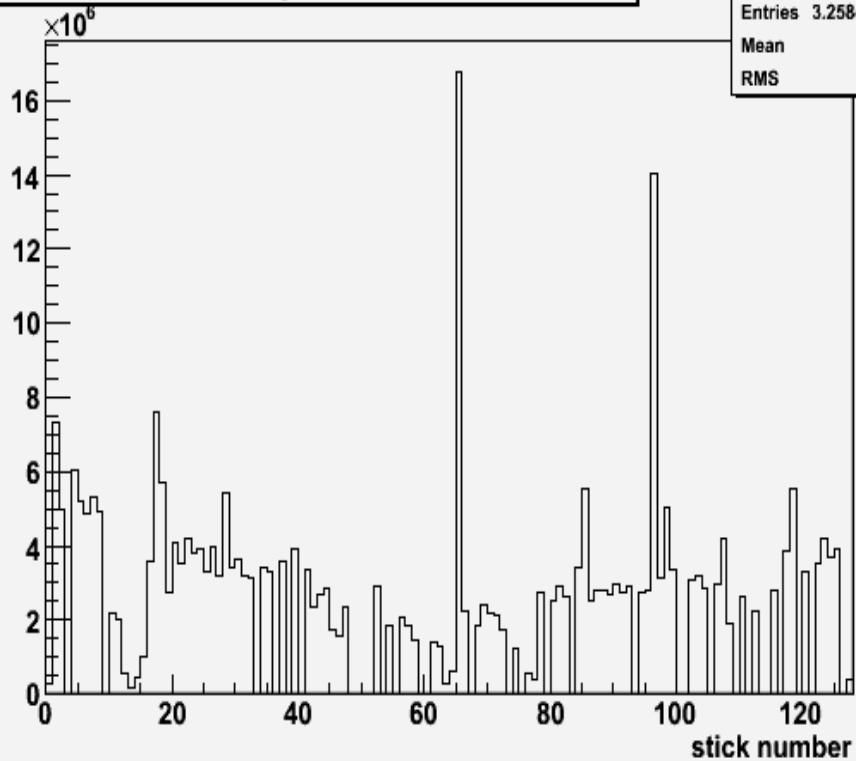


Top view of a stick covering left half width of TPC(looking along beam direction and upstream of TPC) and pad numbering scheme



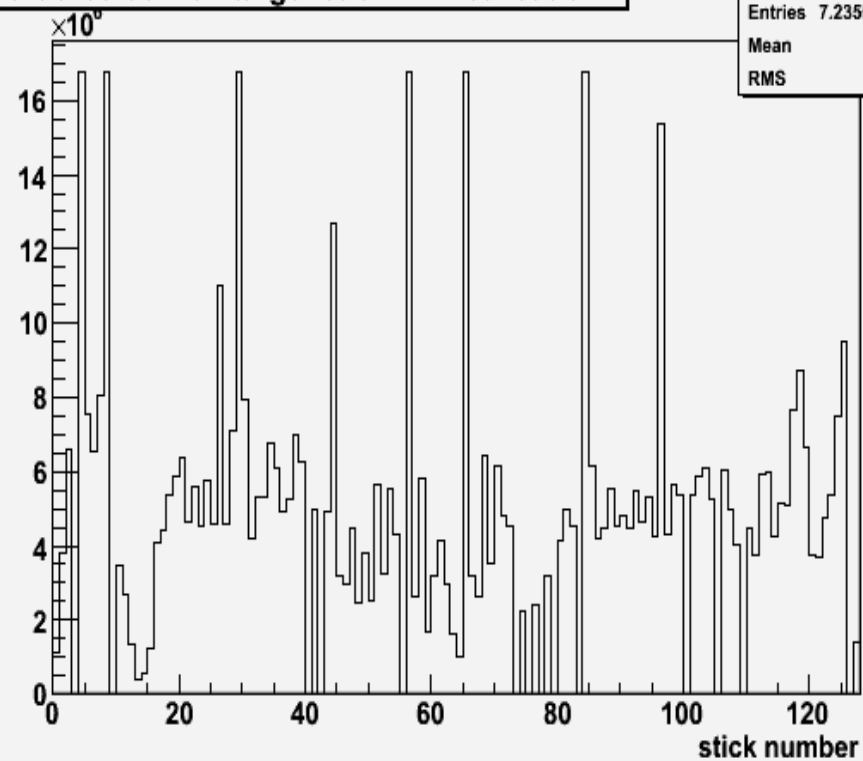
Top view of a stick covering right half width of TPC and pad numbering scheme

120 GeV/c Carbon target stick hit distribution



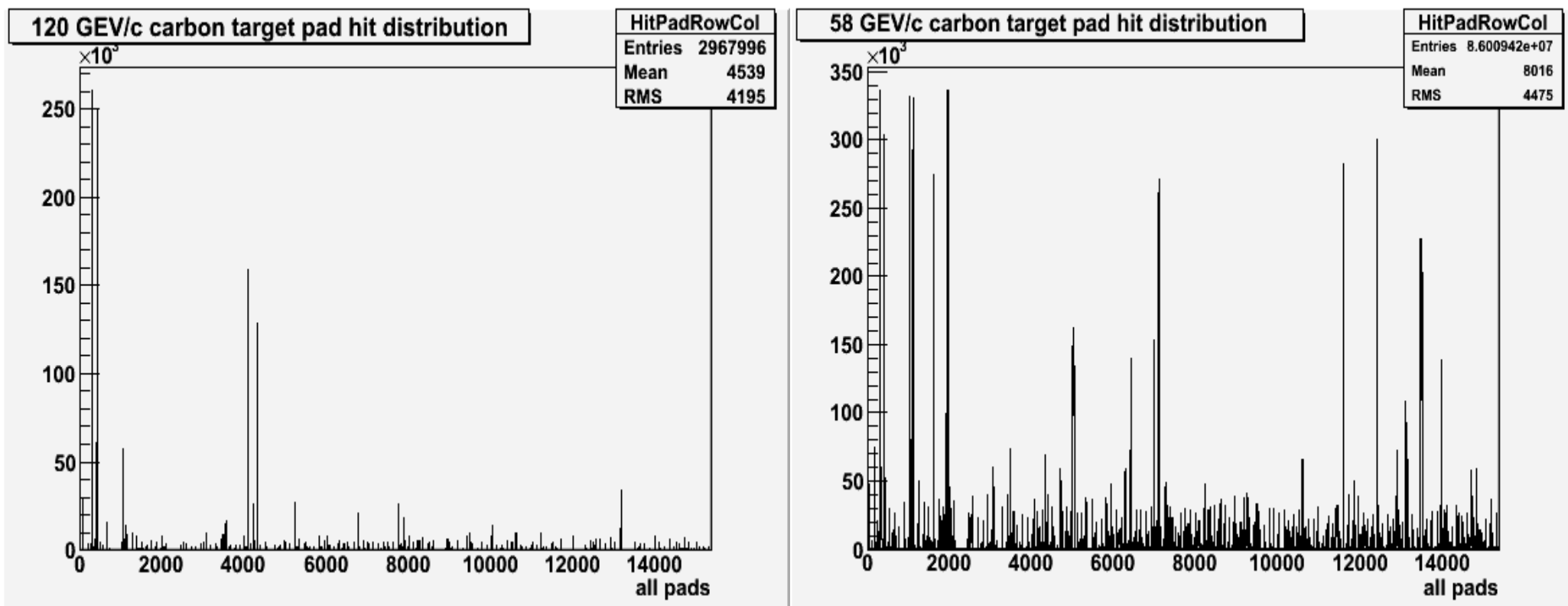
StickHitSum	
Entries	3.258421e+08
Mean	59.72
RMS	38.24

58 GeV/c Carbon target stick hit distribution



StickHitSum	
Entries	7.235087e+08
Mean	61.77
RMS	35.71

120 GeV/c run has more dead sticks from 58 GeV/c run



TPC pad plane center corresponds to around 7700 on the x axis. Padrows increase from left to right on the x axis.

Possible DataBase Column names and values

Column name	--	possible values
Stick	--	0 to 127
Padnumber	--	0 to 119 or -1 meaning the entire stick
Status	--	1 = dead or 2 = hot

runnummin, runnummax, subrunmin, subrunmax,
loadtimegmt -- as usual